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LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.	APPLICATION NO.		
				10624-0092-999	10/009,945		
				APPLICANT	Thomsen, G. and Wrana, J.		
				FILING DATE	December 11, 2001		GROUP
				To Be Assigned			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA 6,103,869	08/15/2000	Souchelnytokyi et al.	530	330		
	AB 6,087,122	07/11/2000	Hustad et al.	435	29		
	AC 6,060,262	05/09/2000	Beer-Romero et al.	435	15		
	AD 6,001,619	12/14/1999	Beach et al.	435	193		
✓	AE 09/385,198	08/30/1999	Hoekstra et al.	524	441		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
✓	AF	Afrakhte, et al. 1998. "Induction of Inhibitory Smad6 and Smad7 mRNA by TGF- β family members," Biochemical and Biophysical Research Communications 244: 505-511.					
	AG	Baker, et al. 1996. "A novel mesoderm inducer, Madr2, functions in the activin signal transduction pathway," Genes & Development 10:1880-1889.					
	AH	Bartel, et al. 1990. "The recognition component of the N-end rule pathway," EMBO Journal 9: 3179-3189.					
	AJ	Bartel, et al. 1995. "Analyzing protein-protein interactions using two-hybrid system," Methods in Enzymology, Vol. 254, (24):1-263.					
	AJ	Bashirullah, et al. 1998. "RNA Localization in Development," Annu. Rev. Biochem. 67:335-94.					
	AK	Bitzer, et al. 2000. "A mechanism of suppression of TGF- β /Smad signaling by NF-kB/Rel A," Genes & Development 14:187-197.					
	AL	Bonifacino, et al. 1998. "Ubiquitin and the Control of Protein Fate in the Secretory and Endocytic Pathways," Ann. Rev. Cell. Biol. 14:19-57.					
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	AN	Chung, et al. 1998. "A novel, putative MEK kinase controls developmental timing and spatial patterning in Dictyostelium and is regulated by ubiquitin-mediated protein degradation," Genes Dev. 12: 3564-78.					
	AO	Coffman, T.M., 1997. "A genetic approach for studying the physiology of the Type 1A (AT _{1A}) Angiotensin Receptor," Seminars in Nephrology 17:404-411.					
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✓	AR	Eppert, et al. 1996. "MADR2 Maps to 18q21 and encodes a TGF β -Regulated MAD-Related protein that is functionally mutated in Colorectal Carcinoma," Cell 86: 543-552.					

<i>MR</i> S I P E <i>MR 07 2005</i>	AS	Epps, et al. 1998. "The <i>Drosophila semushi</i> mutation blocks nuclear import of Bicoid during embryogenesis," <i>Current Biology</i> 8:1277-1280.
<i>MR 07 2005</i>	AU	Esther, Jr., et al. 1996. "Mice Lacking Angiotensin-Converting Enzyme Have Low Blood Pressure, Renal Pathology, and Reduced Male Fertility," <i>Laboratory Investigation</i> 74:953.
<i>MR 07 2005</i>	AU	Fainsod, et al. 1994. "On the function of BMP-4 in patterning the marginal zone of the <i>Xenopus</i> embryo," <i>Embo J</i> 13:5015-25.
	AV	Gilboa, et al. 1998. "Oligomeric structure of Type I and Type II transforming growth Factor β Receptors: homodimers form in the ER and persist at the Plasma Membrane," <i>J. Cell Biol.</i> 140:767-777.
	AW	Govers, et al. 1999. "Identification of a novel ubiquitin conjugation motif, required for ligand-induced internalization of the growth hormone receptor," <i>EMBO J.</i> 18:28-36.
	AX	Graff, et al. 1996. "Xenopus Mad proteins transduce distinct subsets of signals for the TGF β Superfamily," <i>Cell</i> 86:1-20.
	AY	Harland, et al. 1997. "Formation and function of Spemann's Organizer," <i>Ann. Rev. Cell Biol.</i> 13:611-667.
	AZ	Harvey, et al. 1999. "Nedd4-like proteins: an emerging family of ubiquitin-protein ligases implicated in diverse cellular functions." <i>Trends Cell Biol.</i> 9:166-169.
	BA	Hayashi, et al. 1997. "The MAD-Related protein Smad7 Associates with the TGF β Receptor and Functions as an antagonist of TGF β signaling," <i>Cell</i> 89:1165-1173.
	BB	Hein, et al. 1995. "NPII, an essential yeast gene involved in induced degradation of Gap1 and Fur4 permeases, encodes the RspS ubiquitin-protein ligase," <i>Mol. Microbiol.</i> 18:77-87.
	BC	Heldin, et al. 1997. "TGF- β signalling from cell membrane to nucleus through SMAD proteins," <i>Nature</i> 390:465-71.
	BD	Hemmati-Brivanlou, et al. 1995. "Ventral mesodermal patterning in <i>Xenopus</i> Embryos: expression patterns and activities of BMP-2 and BMP-4," <i>Dev. Genet.</i> 17:78-89.
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	BI	Hochstrasser, M., 1996. "Ubiquitin-Dependent protein degradation," <i>Ann. Rev. Genet.</i> 30:405-439.
	BJ	Hoodless, et al. 1996. "MADR1, a MAD-Related protein that functions in BMP2 signaling pathways", <i>Cell</i> 85:489-500.
	BK	Horb, et al. 1997. "A vegetally-localized T-box transcription factor in <i>Xenopus</i> eggs specifies mesoderm and endoderm and is essential for embryonic mesoderm formation," <i>Dev.</i> 124:1689-1698.
	BL	Huang, et al. 1995. "Control of cell fate by a deubiquitinating enzyme encoded by the fat facets gene," <i>Science</i> 270:1828-31.
<i>V</i>	BM	Huibregtse, et al. 1995. "A family of proteins structurally and functionally related to the E6-AP ubiquitin-protein ligase," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 92:2563-7.

BN	Imamura, et al. 1997. "Smad6 inhibits signaling by the TGF- β superfamily," <i>Nature</i> 389:622-626.
BP	Ishisaki, et al. 1998. "Smad7 is an activin-inducible inhibitor of activin-induced growth arrest and apoptosis in Mouse B Cells," <i>J. Biol. Chem.</i> 273:24293-24296.
BP	Itoh, et al. 1998. "Transforming growth factor β 1 induces nuclear export of inhibitory Smad7," <i>J. Biol. Chem.</i> 273:29195-29201.
BQ	Jiang, et al. 1998. "Regulation of the Hedgehog and Wingless signalling pathways by the F-box/WD40-repeat protein Slimb," <i>Nature</i> 391:493-6.
BR	Joazeiro, et al. 1999. "The tyrosine kinase negative regulator c-Cbl as a RING-Type, E2-Dependent ubiquitin-protein ligase," <i>Science</i> 286:309-312.
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BT	Joseph, et al. 1998. "Mutant Vg1 ligands disrupt endoderm and mesoderm formation in <i>Xenopus</i> embryos," <i>Development</i> 125:2677-85.
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BV	Kimelman, et al. 1998. "Mesoderm Induction: A Postmodern View," <i>Cell</i> 94:419-21.
BW	Kim, et al. 1997, "Drosophila Mad binds to DNA and directly mediates activation of vestigial by Decapentaplegic," <i>Nature</i> 388:304.
BX	Kretzschmar, et al. 1997. "The TGF- β family mediator Smad1 is phosphorylated directly and activated functionally by the BMP receptor kinase," <i>Genes Dev.</i> 11:984-95.
BY	Kumar, et al. 1997. "cDNA Cloning, expression analysis, and mapping of the Mouse Nedd4 Gene," <i>Genomics</i> 40:435-43.
BZ	Kwon, et al. 1998. "The mouse and human genes encoding the recognition component of the N-end rule pathway," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 95:7898-903.
CA	Levkowitz, et al. 1999. "Ubiquitin ligase activity and tyrosine phosphorylation underlie suppression of growth factor signaling by c-Cbl/Sli-1," <i>Mol. Cell</i> 4:1029-1040.
CB	Lindsay, et al. 1998. "A deubiquitinating enzyme that disassembles free polyubiquitin chains is required for development but not growth in <i>dictyostelium</i> ," <i>J. Bio. Chem.</i> 273:24131-8.
CC	Macias-Silva, et al. 1996. "MADR2 is a substrate of the TGF β receptor and its phosphorylation is required for nuclear accumulation and signaling," <i>Cell</i> 87:1215-1224.
CD	Macias-Silva, et al. 1998. "Specific activation of Smad1 signaling pathways by the BMP7 Type 1 Receptor, ALK2," <i>J. Biol. Chem.</i> 273:25628-36.
CE	Massague, et al. 2000. "Controlling TGF- β signaling," <i>Genes Deve.</i> 14:627-644.
CF	Massague, J., 1998. "TGF- β signal transduction," <i>Ann. Rev. Biochem.</i> 67:753-791.
CG	Miyazono, K., 2000. "TGF- β signaling by Smad proteins," <i>Cyto. Growth Factor Rev.</i> 11:15-22.
CH	Murakami, et al. 1996. "Hypertensive and Hypotensive Mice produced by the introduction and disruption of genes on the Renin-Angiotensin system," <i>Blood Press. Suppl.</i> 2:36.

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	CM	Nakao, et al. 1997. "Identification of Smad7, a TGF β -inducible antagonist of TGF- β signalling," <i>Nature</i> 389:631-635.
	CK	Nalefski, et al. 1996. "The C2 domain calcium-binding motif: Structural and functional diversity," <i>Protein Sci.</i> 5:2375-2390.
	CL	Nefsky, et al. 1996. "Pub1 acts as an E6-AP-like protein ubiquitin ligase in the degradation of cdc25," <i>Embo. J.</i> 15:1301-1312.
	CM	Patton, et al. 1998. "Combinatorial control in ubiquitin-dependent proteolysis: don't Skp the F-box hypothesis," <i>Trends. Genet.</i> 14:236-243.
	CN	Plant, et al. 1997. "The c2 domain of the ubiquitin protein ligase Nedd4 mediates Ca $^{2+}$ -dependent plasma membrane localization," <i>J. Biol. Chem.</i> 272:32329-36.
	CO	Pukatzki, et al. 1998. "A novel component involved in ubiquitination is required for development of <i>Dictyostelium discoideum</i> ," <i>J Biol. Chem.</i> 273:24131-8.
	CP	Reddi, A. H., 1998. "Role of morphogenetic proteins in skeletal tissue engineering and regeneration," <i>Nature Biotech.</i> 16:247-252.
	CQ	Reeck, et al. 1987. "Homology" in proteins and nucleic acids: A terminology muddle and a way out of it," <i>Cell</i> 50:667.
	CR	Rotin, D., 1998. "WW (WWP) domains: From structure to function," <i>Curr. Topics Microbiol. Immunol.</i> 228:115-133.
	CS	Sasai, et al. 1997. "Ectodermal patterning in vertebrate embryos," <i>Dev. Biol.</i> 182:5-20.
	CT	Scheiffner, et al. 1993. "The HPV-16 E6 and E6-AP Complex functions as a ubiquitin-protein ligase in the ubiquitination of p53," <i>Cell</i> 75:495-505.
	CU	Staub, et al. 1997. "Immunolocalization of the ubiquitin-protein ligase Nedd4 in tissues expressing the epithelial Na $^{+}$ channel (EnaC)," <i>Am. J Physiol.</i> 272:C1871-80.
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	CX	Staub, et al. 1996. "WW domains," <i>Structure</i> 4:495-499.
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	CZ	Suzuki, et al. 1997. "Smad5 induces ventral fates in <i>Xenopus</i> embryo," <i>Dev. Biol.</i> 184:402-405.
	DA	Takase, et al. 1998. "Induction of Smad6 mRNA by bone morphogenetic proteins," <i>Biochem. Biophys. Res. Commun.</i> 244:26-29.
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	DC	Thomsen, G.H., 1996. "Xenopus mothers against decapentaplegic is an embryonic ventralizing agent that acts downstream of the BMP-2/4 receptor," <i>Development</i> 122:2359-66.

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EXAMINER: <i>Hope Tolson</i>	DATE CONSIDERED	5/25/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.